

MOTION TRANSMITTING APPARATUS

ABSTRACT OF THE DISCLOSURE

1 A motion transmitting apparatus wherein an
2 electric motor, an engine or another prime mover rotates
3 an axially fixed first part relative to a coaxial axially
4 movable non-rotatable second part. The structure which
5 serves to move the second part axially in response to
6 clockwise or counterclockwise rotation of the first part
7 includes a follower borne by the first part and a helical
8 spring having end convolutions affixed to the first part.
9 The follower extends between two intermediate
10 convolutions of the helical spring. If the apparatus
11 is utilized in the power train of a motor vehicle, the
12 axially movable part can serve to engage or disengage
13 or change the extent of engagement of the friction clutch
14 between the output element of the engine and the input
15 element of the change-speed transmission.